

KFLL

Fort Lauderdale-Hollywood Intl

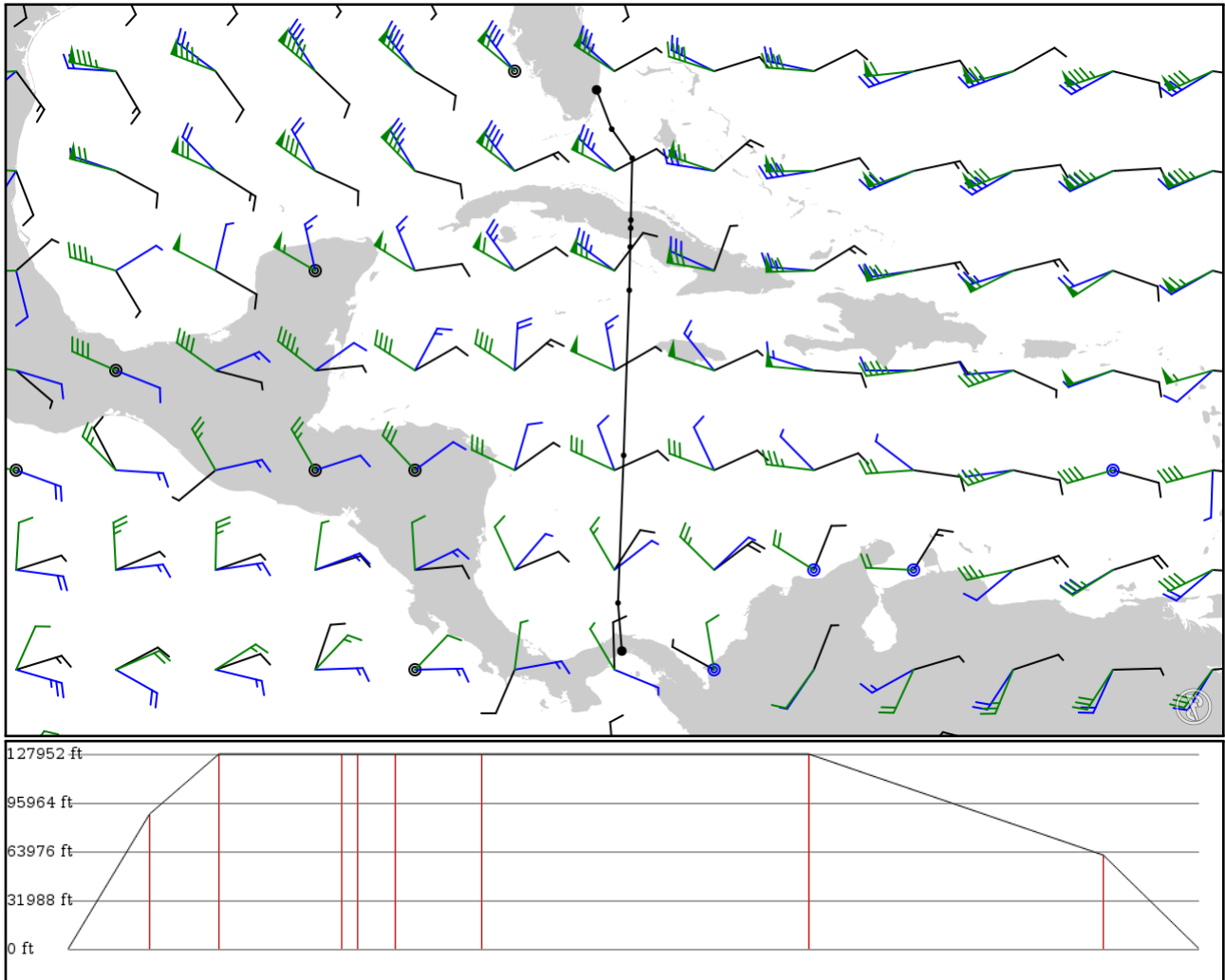
MPTO

Tocumen Intl

2024/05/20 2039Z

KFLL ELLEE **A509** URSUS **UL780** LIVUD MPTO

1035.80 nm / 1918.30 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 39000ft
- Cruise Speed: 420kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

Options:

- Use NATs: yes
- Use PACOTS: yes
- Use low airways: yes
- Use high airways: yes

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
KFLL APT	-	26.07130 -80.14950	0 ft 0 m	-	Fort Lauderdale-Hollywood Intl
ELLEE FIX	-	24.88060 -79.69000	27,000 ft 8,230 m	75	-
URSUS FIX	A509 AWY-HI	24.00010 -79.06980	39,000 ft 11,887 m	62	-
TASNO FIX	UL780 AWY-HI	22.12830 -79.11110	39,000 ft 11,887 m	112	-
HUZAR FIX	UL780 AWY-HI	21.88360 -79.11640	39,000 ft 11,887 m	14	-
PIGBO FIX	UL780 AWY-HI	21.31360 -79.12940	39,000 ft 11,887 m	34	-
GAXER FIX	UL780 AWY-HI	20.00000 -79.15830	39,000 ft 11,887 m	78	-
DAGUD FIX	UL780 AWY-HI	15.00000 -79.32830	39,000 ft 11,887 m	300	-
LIVUD FIX	UL780 AWY-HI	10.52780 -79.50060	18,800 ft 5,730 m	268	-
MPTO APT	-	9.07138 -79.38340	0 ft 0 m	87	Tocumen Intl

KFLL

Region: UNITED STATES
Timezone: AMERICA/NEW_YORK
Runways: 2

Elevation: 65 ft / 20 m
Location: 26.071300 -80.149500
Magnetic Var: 7.393 W

METAR

KFLL 202009Z 27008KT 10SM -TSRA SCT032CB SCT060 BKN090 BKN250 31/22 A2982 RMK A02 RAB09 TSB09 OCNL LTGICCG W-NW TS

TAF

TAF AMD KFLL 202017Z 2020/2124 25011G20KT P6SM VCTS SCT030CB BKN050 TEMPO 2020/2021 -TSRA BKN050CB FM210100 VRB04

Frequencies

REC - 135.00 MHz - D-ATIS	COM - 122.95 MHz - UNICOM
CLD - 128.40 MHz - CLEARANCE DELIVERY	GND - 121.40 MHz - FORT LAUDERDALE GROUND
GND - 121.70 MHz - FORT LAUDERDALE GROUND	TWR - 119.30 MHz - FORT LAUDERDALE TOWER
TWR - 120.20 MHz - FORT LAUDERDALE TOWER	APP - 118.10 MHz - MIAMI APPROACH
APP - 119.45 MHz - MIAMI APPROACH	APP - 133.77 MHz - MIAMI APPROACH
DEP - 128.60 MHz - MIAMI DEPARTURE	DEP - 126.05 MHz - MIAMI DEPARTURE
DEP - 119.70 MHz - MIAMI DEPARTURE	DEP - 119.45 MHz - MIAMI DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
10L	151 ft	9,008 ft	90.36	CONCRETE	577 ft	341 ft
	46 m	2,746 m	97.75		176 m	104 m
28R	151 ft	9,008 ft	270.37	CONCRETE	607 ft	453 ft
	46 m	2,746 m	277.76		185 m	138 m
10R	151 ft	8,006 ft	90.36	CONCRETE	0 ft	597 ft
	46 m	2,440 m	97.75		0 m	182 m
28L	151 ft	8,006 ft	270.37	CONCRETE	0 ft	604 ft
	46 m	2,440 m	277.76		0 m	184 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
10L	DME	ILHI	110.10 MHz	18 nm	-	-	11 ft
				33 km	-		11 m
28R	DME	IUDL	110.70 MHz	18 nm	-	-	10 ft
				33 km	-		10 m
10L	LOC-LOC	ILHI	110.10 MHz	18 nm	90.36	-	62 ft
				33 km	97.75		62 m
10R	LOC-LOC	IFLL	111.75 MHz	18 nm	90.33	-	62 ft
				33 km	97.72		62 m
28L	LOC-LOC	IADI	111.75 MHz	18 nm	270.33	-	62 ft
				33 km	277.72		62 m
28R	LOC-LOC	IUDL	110.70 MHz	18 nm	270.36	-	62 ft
				33 km	277.75		62 m
10L	GS	ILHI	110.10 MHz	10 nm	90.36	3.00	62 ft
				19 km	97.75		62 m
10R	GS	IFLL	111.75 MHz	10 nm	90.33	3.00	62 ft
				19 km	97.72		62 m
28L	GS	IADI	111.75 MHz	10 nm	270.33	3.00	62 ft
				19 km	277.72		62 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
28R	GS	IUDL	110.70 MHz	10 nm	270.36	3.00	62 ft
				19 km	277.75		62 m

MPTO

Region: PANAMA
Timezone: AMERICA/PANAMA
Runways: 2

Elevation: 134 ft / 41 m
Location: 9.071400 -79.383500
Magnetic Var: 5.457 W

METAR

MPTO 202000Z 31004KT 9000 -RA FEW008 SCT016 BKN090 26/25 Q1006 RETS NOSIG

TAF

TAF MPTO 201700Z 2018/2124 12004KT 9999 SCT018TCU SCT090 PROB40 2018/2022 21008KT 6000 TSRA SCT016CB SCT090 TEMPO

Frequencies

REC - 127.70 MHz - ATIS	TWR - 118.10 MHz - TOCUMEN TOWER
GND - 121.90 MHz - TOCUMEN GROUND	GND - 112.05 MHz - TOCUMEN GROUND
CLD - 129.80 MHz - CLEARANCE DELIVERY	APP - 121.20 MHz - PANAMA APPROACH
APP - 123.30 MHz - PANAMA APPROACH	APP - 119.70 MHz - PANAMA APPROACH
APP - 119.20 MHz - PANAMA APPROACH	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
03R	148 ft	10,049 ft	29.33	CONCRETE	0 ft	0 ft
	45 m	3,063 m	34.78		0 m	0 m
21L	148 ft	10,049 ft	209.33	CONCRETE	0 ft	0 ft
	45 m	3,063 m	214.79		0 m	0 m
03L	148 ft	8,832 ft	30.67	ASPHALT	814 ft	0 ft
	45 m	2,692 m	36.13		248 m	0 m
21R	148 ft	8,832 ft	210.67	ASPHALT	0 ft	0 ft
	45 m	2,692 m	216.13		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
03R	DME	INAT	110.70 MHz	18 nm	-	-	50 ft
				33 km	-		50 m
03R	LOC-ILS	INAT	110.70 MHz	18 nm	29.33	-	134 ft
				33 km	34.79		134 m
03R	GS	INAT	110.70 MHz	10 nm	29.33	3.00	134 ft
				19 km	34.79		134 m